Air Quality Control District

2006
Ambient Air Monitoring Network Plan
Submitted: July 1, 2007

Address
Contact Information

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Definition of Terms (optional)

AQS: Air Quality System
NAAQS: National Ambient Air Quality Standards
SLAMS: State and Local Air Monitoring Station
Etc.

Overview of Network Operation

Network Design.
[Brief description of network] Air Quality Control District operated X monitoring sites in 2006. The following map shows the locations of the monitoring sites. Table 1 lists the pollutants measured at each site.

Map of Monitoring Stations Within Air District

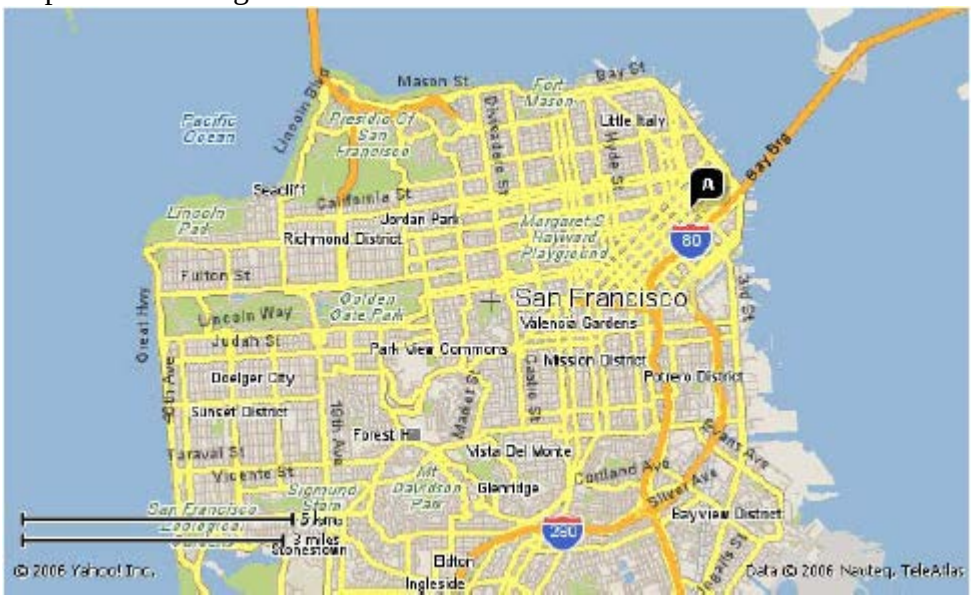

Table 1. List of Monitoring Sites

Site	Site Name	Pollutants Monitored
A	EPA Region 9	Xxx
B	Xxx	Xxx

Minimum Monitoring Requirements.
This network meets the minimum monitoring requirements for all criteria pollutants (Tables 2, 3, 4, 5).

<u>Ozone</u>
(Note: Refer to section 4.1 and Table D-2 of Appendix D to Part 58)

Table 2. Minimum Monitoring Requirements for Ozone.

MSA	County(ies)	Pop. (year)	8-hour Design Value (years)	Min. # Monitors Required	# Monitors Active	Monitors Needed

Monitors required for SIP or Maintenance Plan:

PM2.5
(Note: Refer to section 4.7 and Table D-5 of Appendix D to Part 58)

Table 3. Minimum Monitoring Requirements for PM2.5.

MSA	County(ies)	Pop. (year)	Ann. Design Value (years)	Daily Design Value (years)	# Monitors Required	# Monitors Active	Monitors Needed

Monitors required for SIP or Maintenance Plan:

PM10
(Note: Refer to section 4.6 and Table D-4 of Appendix D to Part 58)

Table 4. Minimum Monitoring Requirements for PM10.

MSA	County(ies)	Pop. (year)	Daily Design Value (years)	Min. # Monitors Required	# Monitors Active	Monitors Needed

Monitors required for SIP or Maintenance Plan:

NO2
(Note: Refer to section 4.3 of Appendix D to Part 58)

Monitors required for SIP or Maintenance Plan:
Monitors required for PAMS:

SO2
(Note: Refer to section 4.4 of Appendix D to Part 58)

Monitors required for SIP or Maintenance Plan:

CO
(Note: Refer to section 4.2 of Appendix D to Part 58)

Monitors required for SIP or Maintenance Plan:

Pb

(Note: Refer to section 4.5 of Appendix D to Part 58)

Table 5. Minimum Monitoring Requirements for Pb.

MSA	County(ies)	Pop. (year)	Max quarterly Design Value (years*)	Min. # Monitors Required	# Monitors Active	Monitors Needed

*most recent 2 years

Monitors required for SIP or Maintenance Plan:

Recent or Proposed Modifications to Network.
[Provide a list of modifications that have been made to the SLAMS network. If a comment period was provided, identify whether changes were made to the plan subsequent to the comment opportunity. In addition, include any proposals to remove or move a monitoring station within a period of 18 months following plan submittal]

Review of Changes to PM2.5 Monitoring Network.
[Document how states and local agencies provide for the review of changes to a PM2.5 monitoring network that impact the location of a violating PM2.5 monitor or creation/change to a community monitoring zone.]

Data Submission Requirements.
- Precision/Accuracy reports submitted to AQS: Y/N, Date
- Annual data certification submitted: Y/N, Date

Detailed Site Information

Site Name

[Give a broad overview of the site and rationale for its location. Include a description of site and purpose of monitoring for each pollutant. A photograph of the site is encouraged but not required.]

Site Name				
AQS ID				
GIS coordinates				
Location	In shed, on school, etc.			
Address				
County				
Dist. to road	meters			
Traffic count	#			
Groundcover	Paved, vegetated, etc.			
Representative Area	List MSA or CSA (indicate which)			
Pollutant	O3	PM2.5		
Monitor obj	List objective	List objective		
Spatial scale	List scale	List scale		
Sampling method	List instrument	Sampling instrument		
Analysis method	N/A	e.g., weighed by X lab		
Start date	Date when operation began	Date when operation began		
Operation schedule	e.g., 1:1	e.g., 1:3		
Sampling season	e.g., May-Nov.	e.g., all year		
Probe height	meters	meters		
Distance from supporting structure	meters	meters		
Distance from obstructions on roof	meters	meters		
Distance from obstructions not on roof	meters	meters		
Distance from trees	meters	meters		
Distance to furnace or incinerator flue	N/A	meters		
Distance between collocated monitors	N/A	meters		
Unrestricted airflow	degrees	degrees		
Probe material	e.g., Teflon	N/A		
Residence time	X seconds	N/A		

Will there be changes within the next 18 months?	Y/N	Y/N		
Is it suitable for comparison against the annual PM2.5?	N/A	Yes for all current sites in Region 9.		
Frequency of flow rate verification for manual PM samplers audit	N/A	weekly, bi-weekly, monthly, quarterly (high vol)		
Frequency of flow rate verification for automated PM analyzers audit	N/A	weekly, bi-weekly, monthly, quarterly (high vol)?		
Frequency of one-point QC check (gaseous)	daily, weekly, bi-weekly?	N/A		
Last Annual Performance Evaluation (gaseous)	date	N/A		
Last two semi-annual flow rate audits for PM monitors	N/A	dates		